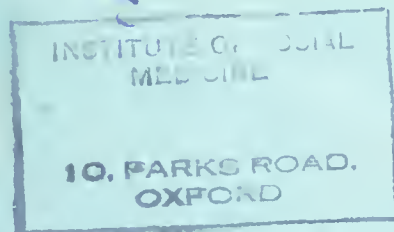


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COUNTY COUNCIL OF EAST LoTHIAN

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HEALTH COMMITTEE

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# Annual Report

ON THE

## Medical Inspection of School Children

FOR THE

Year ending 31st July 1948

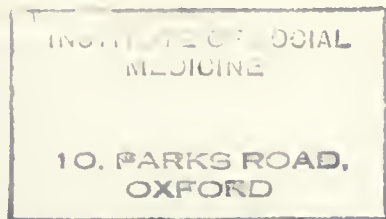
BY

ALEX. D. CAMPBELL, M.B., Ch.B., D.P.H.,  
*Medical Officer of Health; Chief School  
Medical Officer.*

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COUNTY COUNCIL OF EAST LOTHIAN

HEALTH COMMITTEE

# *ANNUAL REPORT*

ON THE

## **MEDICAL INSPECTION OF SCHOOL CHILDREN**

FOR THE

YEAR ENDING 31st JULY 1948

BY

ALEX. D. CAMPBELL, M.B., Ch.B., D.P.H.,  
*Medical Officer of Health; Chief School  
Medical Officer.*



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*To the Department of Health for Scotland, the Department of Education for Scotland, and the County Council of East Lothian.*

MY LORD, LADIES AND GENTLEMEN,

## SCHOOL MEDICAL INSPECTION

COUNTY OF EAST LOTHIAN.

I have the honour to submit my annual report on School Medical Inspection, for the year ending 31st July 1948.

The arrangement of the report conforms to the instructions of the Department of Health contained in the Memorandum on School Health Administration, issued on 3rd June 1938.

I have the honour to be,

MY LORD, LADIES AND GENTLEMEN,

Your obedient Servant,

ALEX. D. CAMPBELL,

*Medical Officer of Health,*

*and*

*Chief School Medical Officer.*

County Public Health Department,

Haddington, November 1948.

## 1.—LIST OF STAFF.

- (1) (a) *Whole Time Chief School Medical Officer*—  
Alex. D. Campbell, M.B., Ch.B., D.P.H.
- Assistant School Medical Officers*—John  
Milne, M.B., Ch.B., D.P.H.; Margaret H.  
G. Anderson, M.B., Ch.B., D.P.H.
- Senior Dental Officer*—Mr Clement Burleigh,  
L.D.S.
- Assistant Dental Officers*—Mrs Black,  
L.D.S., Miss Sharp, L.D.S.
- School Nurses*—Misses Curren, Crawford,  
Duncan, Eatiorne, Grant, Hutchison,  
McLeod, Wardrope and Mrs Marshall.
- Clerkesses*—Misses Dunbar, Bell, Dickson  
and Mrs Barrie.
- (b) *Part-Time*—Dr C. R. Duncan Leeds, M.B.,  
Ch.B., F.R.C.S.Ed., D.O.M.S.; Mr W. V.  
Anderson, M.D., F.R.C.S.Ed.; Dr A. B.  
Smith, M.D., F.R.C.S.Ed.

## 2.—GENERAL STATISTICS.

Population of the area ... ..	50,348
Number of Schools ... ..	39
(a) Primary—under Education Authority ...	37
(b) Secondary—Do. Senior ...	4
Junior ...	4
(c) (i) Special Schools ... ..	1
(ii) Special Classes in ordinary schools	1
(d) In receipt of grant from Education Authority and under medical inspection	39
Number of children on the registers (i.e. for whole area—not individual schools) ...	7153
Number of children in average attendance (i.e. for whole area, not individual schools)	6310

### 3.—ORGANISATION AND ADMINISTRATION.

#### (A) SYSTEM AND EXTENT OF MEDICAL INSPECTION AND TREATMENT.

The system of medical inspection consists of an annual inspection at each school in the County.

The extent of medical inspection is as follows :—

Group (1) All entrant infants and new pupils enrolled since last medical examination.

Group (2) All pupils born in 1910.

Group (3) .. .. 1937.

Group (4) .. .. 1935.

Group (5) .. .. 1933.

Group (6) All pupils due to leave school during the ensuing year.

Group (7) Special pupil cases.

In addition to the Annual Medical Inspection I instituted, twenty years ago, a system of monthly cleanliness inspections of all school children in each school conducted by the school nurses. The results achieved by this simple routine procedure, have fully justified the work entailed.

#### (B) SYSTEM AND EXTENT OF DENTAL INSPECTION AND TREATMENT.

The Dental Officers visit the schools and examine all the children in attendance. The particulars of those requiring treatment are recorded and cards, indicating that the children require treatment, are sent out to the parents.

In the small rural schools, children of all ages are examined. In the large secondary schools situated in the Burghs, the School Dentist, after having inspected the pupils, invites them to have treatment when the dentist is in attendance. Notification of such visits is conveyed to the pupils by the Headteacher of the school.

The treatment is carried out in the school clinics, where provided in the larger areas, and in the schools, elsewhere. The treatment consists of fillings by amalgam or cement and scalings, where necessary, and where conservative treatment is not possible, then by extractions, by general or local anæsthesia.

(c) SCHOOL NURSING AND ARRANGEMENTS FOR FOLLOWING UP.

East Lothian County Council employ 9 health visitors and the School Medical Services receive from these health visitors time as required for school nursing work. The school nursing work is apportioned in the following manner:—

Burghal Areas (with bicycles)—

Cockenzie, Dunbar, East Linton, Haddington,  
North Berwick, Prestonpans, and Tranent.

Landward Areas (with cars)—

1. East of Haddington.
2. West of Haddington.

SUMMARY OF SCHOOL NURSES' WORK.

Visits to homes of school children ...	2373
Visits to schools ... ..	808
Hours spent in schools ... ..	3100

SCHOOL NURSES' WORK AMONGST SCHOOL CHILDREN SUFFERING FROM TUBERCULOSIS.

The school nurse is also the tuberculosis nurse for her district. She is thus acquainted with all cases notified as suffering from tuberculosis, and can watch school children who have a family history of the disease. Delicate children are weighed periodically at school by the nurse, and a record of the weight is kept for the School Medical Officer.



## ARRANGEMENTS FOR " FOLLOWING UP."

After the routine inspection by the school medical officers, the nurse receives a list of defective children, and it is her duty to visit the home of each child on the list in order to indicate to the parents the nature of the defect and to persuade them to have the defect remedied. Accompanying the list of defectives sent to the nurse is a small card for each child, on which is detailed the defect, and the parents are advised on the card to consult their private doctor for those defects. In the month of February and again in June the nurse of the area re-visits the homes and enters on her list whether treatment has yet been carried out or not.

As mentioned under Medical Inspection, the nurses also conduct the monthly cleanliness inspections.

### (D) CO-ORDINATION WITH PUBLIC HEALTH SERVICE AND WITH OTHER DEPARTMENTS OF THE LOCAL AUTHORITY WHICH RENDER SERVICES TO CHILDREN.

In the County of East Lothian, the School Medical Service is under the control of the Health Committee. The Medical Officer of Health, as Chief School Medical Officer, attends all meetings of the Education Committee and relative Finance and Schools Sub-Committees thereof.

A closer liaison is desirable with the Public Assistance Committee, in so far as they deal with school and pre-school children.

### (E) CO-OPERATION WITH VOLUNTARY BODIES AND OTHER OUTSIDE AGENCIES.

Close co-operation exists with the Health Committee and S.S.P.C.C. in regard to child welfare.

Child guidance clinics and speech centres are made use of as occasion demands. East Lothian is fortunate in having an endowed trust, called the East Lothian Trust, which contributes valuably to the needs of our school children.

#### (F) CO-OPERATION WITH TEACHERS AND PARENTS.

The arrangements for School Medical Inspection are :—

1. Notification to parents of the date of systematic inspections. The following duties are carried out by head teachers and it will be seen that (a) specially refers to notification of systematic inspection :—

##### *Duties of Head Teachers.*

- (a) It will be the duty of the head teacher to cause a copy of form " Inspection Notice to Parent " to be completed and forwarded to the parent or guardian of any child to be examined at the systematic inspection.
- (b) To cause a medical card to be filled in with name, address, and date of birth for each child who becomes a pupil in the school of which he or she is head teacher.
- (c) To apply to the School Medical Officer for medical cards and form " Inspection Notice to Parent," when required.

The County Council bear the expense of the Medical Examination.

2. For the purpose of securing the proper medical inspection of the pupils for whom it is their duty to provide such inspection, an education authority may require the parent of any pupil in attendance at any such school to submit the pupil for medical

inspection in accordance with arrangements made by the authority, and any person who fails without reasonable excuse to comply with any such requirement shall be liable on conviction by a court of summary jurisdiction to a fine not exceeding five pounds, under Section 51, sub-section 2, Education (Scotland) Act, 1946.

Where, however, neglect is suspected or where contamination may have resulted from contact with a neglected child, the County Council have empowered the School Medical Officer to act under Section 122 (1) of the Children's Act, 1908, and amending Acts.

3. Medical inspection is carried out with privacy. To aid this requirement a screen was supplied in each school.

Teachers are encouraged to draw the attention of the Medical Officers and School Nurses to any abnormality in any of their pupils and prompt attention is given to any communications from teachers to the Chief or Assistant Medical Officers and nurses.

#### 4.—FINDINGS AT MEDICAL INSPECTION

TABLE 1.

Total number of children examined at :

(A) Systematic Examina- tions :—	Other Systematic Examina- tions :—
--	--

Ordinary  
Schools.

Entrants	947	8
Second age group	694	27
Third age group	712	37
Fourth age group	682	28

Secondary  
Schools.

	14	157	—
	15	98	—
Age groups	16	29	16
	17	30	1
	18	10	3
		<hr/>	<hr/>
TOTAL	...	3359	120
		<hr/>	<hr/>

## (B) Other examinations :—

Special cases	...	19
Re-inspections by Medical Officer	...	29
		<hr/>
Total	...	78
		<hr/>

Number of *individual* children inspected at systematic examinations, who were notified to parents as requiring treatment (excluding uncleanness and dental caries):

Entrants	...	357
Second age group	...	323
Third age group	...	387
Fourth age group	...	394
	14	90
	15	89
Secondary age groups	16	5
	17	17
	18	9
		<hr/>
Total	...	1671
		<hr/>

TABLE II.  
DEFECTS NOTED AT ROUTINE MONTHLY  
SCHOOL CLEANLINESS INSPECTIONS.

DEFECT,	Number of Defects Reported	Treated and Cured	Treated and Improved	Still under Treatment	Treatment by School Servicee refused
Clothing—					
Insufficient . . . .	100	38	57	5	...
In need of repair ..	127	25	95	7	...
Dirty . . . . .	175	102	71	2	...
Footgear—					
Unsatisfactory .. .	84	40	44	...	...
Cleanliness of Head—					
Dirty . . . . .	235	129	62	44	...
Verminous .. . . .	229	169	58	2	...
Cleanliness of Body—					
Dirty .. . . .	129	55	72	2	...
	1079	558	459	62	...

TABLE

DEFECT.	ENTRANTS +5 years		8		11		13	
	B.	G.	B.	G.	B.	G.	B.	G.
4. SKIN (a) HEAD								
Ringworm	...	...	...	...	...	...	...	...
Impetigo	2	1	1	...	1	...	...	...
Other Diseases	3	1	...	...	1	1	...	3
(b) BODY								
Ringworm	...	...	...	...	...	1	...	...
Impetigo	1	...	...	...	...	...	...	...
Scabies	...	1	...	...	1	...	1	1
Other Diseases	3	4	5	3	1	1	5	4
5. NUTRITION.								
Defective	2	4	3	3	1	...	1	...
Bad	...	...	...	...	...	...	...	...
6 MOUTH AND TEETH.	31	53	20	37	25	14	18	13
7. NOSE AND PHARYNX.								
(a) NOSE								
i Obstruction (observation)	21	27	9	14	2	3	1	1
ii „ (Adenoids)	31	34	16	27	11	6	10	6
iii Other Conditions	2	...	...	...	1	1	...	...
(b) THROAT								
i Tonsils (observation)	25	33	10	16	6	11	7	8
ii „ (operation)	79	77	29	44	15	13	12	12
(c) GLANDS								
i Observation	22	14	7	14	8	8	2	5
ii Operation ..	...	...	...	...	...	...	...	...
8. EYES.								
(a) EXTERNAL DISEASES								
Blepharitis	3	1	...	...	...	2	2	2
Conjunctivitis	...	...	...	...	...	...	...	...
Cornea Opacities	...	...	...	...	...	...	...	...
Strabismus	9	7	4	4	1	4	...	2
Other Diseases	...	...	1	...	...	...	...	1
(b) Visual Acuity (Recommended for Refraction)	17	14	28	29	21	42	29	41
9 EARS.								
(a) DISEASES								
Otorrhoea	5	5	4	5	5	2	8	1
Other Diseases	3	4	3	5	5	2	4	3
(b) DEFECTIVE HEARING								
Grade 1	...	1	1	...	1	1	...	...
„ 2	...	...	...	...	...	...	...	...
„ 3	...	...	...	...	...	...	...	...
„ 4	...	...	...	...	...	...	...	...
„ 5	...	...	...	...	...	...	...	...
10. SPEECH.								
Defective Articulation	...	3	2	2	1	1	...	...
Stammering	...	...	...	...	...	...	1	...



TABLE

DEFECT.	ENTRANTS +5 years		8		11		13	
	B.	G.	B.	G.	B.	G.	B.	G.
11. MENTAL AND NERVOUS CONDITIONS								
(a) Backward ...	...	...	...	...	...	...	...	...
(b) Dull ...	...	1	2	1	...	2	...	...
(c) Men. Defect. Educ. ...	...	...	...	...	...	...	...	...
(d) " " Ineduc. ...	...	...	...	...	...	...	...	...
(e) Nervous or Unstable ...	...	...	...	...	...	...	...	...
(f) Difficult ...	...	...	...	...	...	...	...	...
12. CIRCULATORY SYSTEM.								
(a) ORGANIC								
Congenital ...	4	3	...	...	1	2	...	...
Acquired ...	...	...	...	2	...	...	...	...
(b) Functional ...	1	2	...	1	...	2	...	...
13 LUNGS.								
Chronic Bronchitis ...	...	...	...	...	...	...	...	...
Suspected P. T. B. ...	...	2	...	2	1	1	...	...
Other Diseases ...	2	1	1	1	2	2	2	...
14 DEFORMITIES.								
(a) Congenital ...	2	1	1	...	1	...	...	...
(b) Acquired I. P. ...	1	1	...	...	...	...	1	...
(c) Acquired Rickets ...	19	14	2	2	3	1	...	...
(d) Acquired other conditions	28	31	18	18	18	29	9	9
15. INFECTIOUS DISEASES	...	1	...	...	...	...	...	...
16. OTHER DISEASES	23	8	19	19	13	8	7	12



## II B. (Continued).

14		15		16		17		18		TOTAL	Per Cent.
B.	G.	B.	G.	B.	G.	B.	G.	B.	G.		
...	...	...	...	...	...	...	...	...	...	6	0·17
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
1	2	...	...	...	...	...	...	...	...	12	0·35
1	1	3	...	...	...	...	...	...	...	7	0·21
...	...	1	1	...	...	...	...	...	...	8	0·24
...	...	...	...	...	...	...	...	...	...	...	...
...	2	1	...	...	...	...	...	...	...	9	0·27
1	1	...	1	...	...	...	...	...	...	14	0·41
...	1	...	...	...	...	...	...	...	...	6	0·17
...	...	...	...	...	...	...	...	...	...	3	0·09
...	1	1	1	...	...	...	...	...	...	44	1·31
13	28	3	7	...	...	2	3	...	...	216	6·43
...	...	...	...	...	...	...	...	...	...	1	0·03
1	7	...	1	...	4	...	...	...	...	122	3·13

TABLE III.  
SYSTEMATIC MEDICAL EXAMINATIONS.  
*See Appended Sheet, P. 30.*

TABLE IV.  
RETURN OF ALL EXCEPTIONAL CHILDREN OF SCHOOL  
AGE IN THE AREA.

Disability,	At ordinary schools.	At special schools or classes.	At no school or institu- tion.	Total
1. Blind ... ..		3		3
2. Partially sighted—				
(a) Refractive errors in which the curricu- lum of an ordinary school would ad- versely affect the eye condition ... ..		—		—
(b) Other conditions of the eye, e.g. catar- act, ulceration, etc., which render the child unable to read ordinary school books or to see well enough to be taught in an ordinary school ... ..		—		—
3. Deaf—				
Grade I ... ..		1		1
Grade IIa ... ..				
Grade IIb ... ..				
Grade III ... ..		3		3
4. Defective speech—				
(a) Defects of articula- tion requiring special educational measures ... .. (a)		—		—

		At ordinary schools.	At special schools or classes.	At no school or institu- tion.	Total.
<hr/>					
(b) Stammering requiring special educational measures ...	(b)		3		3
5. Mentally defective—					
(Children between 5 and 16 years)— ...		—	—		—
(a) Educable (I.Q. approx. 50-70) ...	(a)	—	58	—	58
(b) Ineducable (I.Q. generally less than 50) ...	(b)	—	4	26	30
6. Epilepsy—					
(a) Mild and occasional ...	(a)	1	—	—	1
(b) Severe (suitable for care in a residential school) ...	(b)	—	—	1	1
7. Physically defective (Children between 5 and 16 years)—					
(a) Non-pulmonary tuberculosis (excluding cervical glands) ...	(a)	—	—	—	—
(b) General orthopaedic conditions ...	(b)	264	5	—	269
(c) Organic heart disease ...	(c)	19	—	—	19
(d) Other causes of ill-health ...	(d)	—	—	—	—
8. Multiple defects—					
(a) ...		—	—	—	—
(b) ...		—	—	—	—

## 5.—MEDICAL TREATMENT.

## (A) MINOR AILMENTS.

## (1) CUTS, BRUISES, SPRAINS, ETC.

At each of the schools in the area there is kept under the care of the Headteacher a first-aid box, which is replenished after use, on application on the appropriate form by the Headteacher. The School Clinics also undertake this work *inter alia* and during the year 73 cases had treatment.

## (2) DISEASES OF THE EAR.

The consultant Ear, Nose, and Throat Specialist appointed sees all cases presented to him and undertakes treatment where necessary, if parental consent is obtained therefor. During the year 116 cases were examined and treatment prescribed where necessary.

## (3) DISEASES OF THE EYE, EXCLUDING DEFECTIVE VISION.

This is dealt with in the report of the Eye Specialist, dealing with defects other than vision (vide B below). Minor ailments, such as blepharitis, conjunctivitis, minor foreign bodies, e.g., grit, cinders, etc., are dealt with by the assistant School Medical Officers and the trained nurses at the School Clinics. Seventeen such cases had attention during the year.

## (4) DISEASES OF THE SKIN.

Genuine skin diseases, such as ringworm, are treated by arrangement with the Skin Department, Royal Infirmary, Edinburgh. 3 cases were sent for X-ray treatment to the Royal Infirmary. Contagious skin diseases are dealt with at the School Clinics, if early and mild, and this year 44 cases of scabies and 19 cases of impetigo had attention. More severe cases are admitted to the County Infectious Diseases Hospital.

## REPORT OF OPHTHALMIC EXAMINATION OF SCHOOL CHILDREN.

During the period from 1st August 1947, to 31st July 1948, 20 clinics were held, at which 197 new cases and 196 old cases were examined—total 393. Of these 187 new cases and 167 old cases were refractions—total 354, comparing favourably with the previous totals of 387 and 364 for 21 clinics. 39 non-refraction cases were examined, 19 of which were for diseases of the lids and conjunctiva, 4 for congenital defects and 16 cases reporting after operation, or with squints.

Twelve children were operated upon for squint. Eleven have a satisfactory cosmetic result, and one requires further operation.

The visual standard of the children in the County remains very good and exceedingly few have grossly defective eyesight.

### *Subdivisions of refraction cases.*

	Total	Refractions	Hyper- metropia	Myopia	Emmet- ropia	Mixed Astigmatism	Squint
New Cases	197	187	146	23	2	16	17
Old Cases	196	167	138	17	6	6	41

### (C) NOSE AND THROAT OPERATIVE TREATMENT.

The scheme for treatment was continued during the year and a tonsillectomy treatment session commenced on 19/4/48 and terminated on 23/5/48, at Belhaven Hospital.

The procedure is as follows:—The children are collected by ambulance between seven and eight o'clock p.m. on Mondays and Thursdays respec-

tively and are taken to Belhaven Hospital. They are operated on on Tuesdays and Fridays respectively at 3 o'clock p.m. and are discharged after examination by the Medical Officer on Thursday and Sunday forenoons respectively and returned home by ambulance.

Out of the 3359 children examined at routine or special inspections by the School Medical Officers, 283 were found to be suffering from enlarged tonsils and adenoids. Those children were reported to the parents who granted permission to treat 163 cases.

#### (D) ORTHOPÆDIC AND POSTURAL DEFECTS.

##### PHYSICALLY DEFECTIVE CHILDREN.

The orthopædic treatment of school children at Princess Margaret Rose Hospital, Fairmilehead, was continued by the County Council, 28 children being under treatment during the year. Two part-time orthopædic surgeons and two whole-time masseuses are employed by the County Council. Clinics are now established at the following centres, and the numbers attending were:—

Haddington	72
Dunbar and Spott	60
Pencaitland	20
Ormiston	59
Prestonpans	185
Tranent	72
North Berwick	84
East Linton	21
Gullane	24
Aberlady	15
Whitekirk	7
Longniddry	27
	<hr/>
	646

In addition patients were treated in their own homes.

TABLE V.

## DENTAL INSPECTION AND TREATMENT

1. *INSPECTION.*

Age.	Systematic Examinations.	Special and Emergency Cases.	Total.
5	609	31	640
6	647	18	665
7	605	14	619
8	618	11	629
9	642	8	650
10	619	12	631
11	611	20	631
12	574	11	585
13	676	5	681
14	504	8	512
15	76	1	77
16	37	—	37
17	17	—	17
18	4	—	4
Total	6239	139	6378

2. Number found to require treatment—4628.

2a. Number accepting treatment—3174.

	Systematic Treatments.	Special and Emergency Cases.
3. Number actually treated.	3108	123
4. Number of attendances made.	4980	127
5. Fillings :—		
(a) Permanent Teeth.	2113	39
(b) Temporary Teeth.	951	17
6. Extractions :—		
(a) Permanent Teeth.	528	14
(b) Temporary Teeth.	2473	83
7. Number of administrations of a general anæsthetic for extractions.	257	9
8. Other operations :—		
(a) Permanent Teeth.	2059	90
(b) Temporary Teeth.	517	15
9. Half-days devoted to Inspection.	126	
10. Half-days devoted to Treatment.	741	
11. Number of schools visited.	38	

One partial denture inserted.

- (a) Total number of whole-time Dental Officers employed under the Authority's School Health Service—3.
- (b) Total number of part-time Dentists employed—Nil.
- (c) Approximate equivalent as whole-time School Dental Officers of the part-time appointments referred to above in (b)—Nil.



## SCHOOL DENTAL SERVICE.

RECORD OF WORK FOR YEAR 1948.

SEPTEMBER 1947—AUGUST 1948 (INCLUSIVE).

		Special and Emergency.	
	Routine.	Cases.	Totals.
No. of children inspected	6239	139	6378
.. .. requiring treatment	4628	123	4751
.. .. accepting treatment	3174	123	3297
.. .. actually treated ...	3108	123	3231
.. .. attendances made ... ..	4980	127	5107
.. .. Fillings (Permanent teeth)	2113	39	2152
.. .. Fillings (Temporary teeth)	951	17	968
.. .. Extractions :—			
(a) Permanent teeth—for caries ... ..	512	14	526
(b) Permanent teeth—for regulation purposes (since April 1948)	16	—	16
(c) Temporary teeth ... ..	2473	83	2556
.. .. general anæsthetics ... ..	257	9	266
.. .. local anæsthetics (since April 1948) ... ..	237	3	240
.. .. other operations (Per- manent teeth) ... ..	2026	90	2116
.. .. other operations (temporary teeth) ... ..	517	15	532
.. .. Scalings and gum treat- ments ... ..	33	—	33
.. .. Inspection Sessions ...	126	—	126
.. .. Treatment Sessions	741	—	741
.. .. Schools visited ... ..	38	—	38

## ARRANGEMENTS FOR PHYSICAL EDUCATION AND PERSONAL HYGIENE.

Secondary Schools compete in rugby, hockey, tennis and cricket with neighbouring secondary schools and with other schools in Edinburgh and the adjacent counties. Even Elementary Schools have their athletic association.

The County contains no less than 14 first-class golf courses. School camps have now found a definite place in the educational curriculum at Middleton Camp, Gorebridge, where batches of pupils spent part of their summer holidays in camp huts.

Regular talks on hygiene are given by Physical Instructresses.

### SCHOOL MEDICAL INSPECTION—1917/18.

#### AVERAGE HEIGHTS AND WEIGHTS.

Boys.				Girls.		
Age Group.	Average Age.	Height in inches.	Weight in pounds.	Average Age.	Height in inches.	Weight in pounds.
1	5 $\frac{5}{12}$	43.7	44.8	5 $\frac{4}{12}$	43.1	43.3
2	8 $\frac{4}{12}$	50.4	60.1	8 $\frac{3}{12}$	49.9	56.9
3	11 $\frac{4}{12}$	55.6	75.4	11 $\frac{4}{12}$	55.6	77.5
4	13 $\frac{4}{12}$	59.1	92.3	13 $\frac{4}{12}$	59.1	96.1
5	14 $\frac{5}{12}$	60.6	102.2	14 $\frac{4}{12}$	61.2	104.7
6	15 $\frac{2}{12}$	66.5	121.1	15 $\frac{8}{12}$	62.0	114.5
7	16 $\frac{4}{12}$	67.7	130.4	16 $\frac{5}{12}$	63.1	123.2
8	17 $\frac{2}{12}$	67.8	148.4	17 $\frac{4}{12}$	63.2	129.8
9	—	—	—	18 $\frac{2}{12}$	63.5	131.1

TABLE III.  
SYSTEMATIC MEDICAL EXAMINATIONS.

Classification		Entrants		8 years		11 years		13 years		14 years		15 years		16 years		17 years		18 years		Total		
		No. of children examined in this group	Percentage of the children examined in this group	No. of children examined in this group	Percentage of the children examined in this group	No. of children examined in this group	Percentage of the children examined in this group	No. of children examined in this group	Percentage of the children examined in this group	No. of children examined in this group	Percentage of the children examined in this group	No. of children examined in this group	Percentage of the children examined in this group	No. of children examined in this group	Percentage of the children examined in this group	No. of children examined in this group	Percentage of the children examined in this group	No. of children examined in this group	Percentage of the children examined in this group	No. of children examined at systematic medical examinations		
I.	Children free from defects	TOTAL	546	57.7 p.c.	432	62.2 p.c.	472	66.3 p.c.	469	68.8 p.c.	118	75.2 p.c.	51	52.0 p.c.	20	69.0 p.c.	23	76.7 p.c.	6	60.0 p.c.	2137	93.6 p.c.
II.	Children (otherwise free from defects) who suffer from—																					
	(a) Defective vision not worse than 6/12 in the better eye with or without glasses; or	12	1.3 p.c.	31	4.5 p.c.	57	8.0 p.c.	51	7.5 p.c.	8	5.1 p.c.	9	9.2 p.c.	1	3.4 p.c.	2	6.6 p.c.	3	30.0 p.c.	174	5.2 p.c.	
	(b) Conditions of the mouth and teeth requiring treatment	55	5.8 p.c.	34	4.9 p.c.	28	3.9 p.c.	22	3.2 p.c.	8	5.1 p.c.	2	2.0 p.c.	1	3.4 p.c.					150	4.5 p.c.	
	(c) Both (a) and (b)	1	.1 p.c.	4	.6 p.c.	4	.6 p.c.	2	.3 p.c.	—	—	—	—	—	—					11	.3 p.c.	
	TOTAL	68	7.2 p.c.	69	10.0 p.c.	89	12.5 p.c.	75	11.0 p.c.	16	10.2 p.c.	11	11.2 p.c.	2	6.8 p.c.	2	6.6 p.c.	3	30.0 p.c.	335	10.0 p.c.	
III.	Children suffering from ailments (other than those mentioned in II.) from which complete recovery is anticipated within a few weeks	TOTAL	21	2.2 p.c.	27	3.9 p.c.	20	2.9 p.c.	24	3.5 p.c.	3	1.9 p.c.	4	4.1 p.c.	2	7.0 p.c.	—	—	—	—	101	3.0 p.c.
IV.	Children suffering from (or suspected to be suffering from) defect less remediable than defects specified in II. or III., distinguishing cases—																					
	(a) Where complete cure or restoration of function (in the case of eye defect, full correction) is considered possible;	302	31.9 p.c.	161	23.2 p.c.	123	17.2 p.c.	101	14.8 p.c.	18	11.4 p.c.	29	29.6 p.c.	4	13.8 p.c.	5	16.7 p.c.	1	10.0 p.c.	744	22.2 p.c.	
	(b) Where improvement only is considered possible, e.g. without complete restoration of function	10	1.0 p.c.	5	0.7 p.c.	8	1.1 p.c.	13	1.9 p.c.	2	1.3 p.c.	3	3.1 p.c.	1	3.4 p.c.	—	—			42	1.2 p.c.	
	TOTAL	312	32.9 p.c.	166	23.9 p.c.	131	18.3 p.c.	114	16.7 p.c.	20	12.7 p.c.	32	32.7 p.c.	5	17.2 p.c.	5	16.7 p.c.	1	10.0 p.c.	786	23.4 p.c.	
	Total number of children examined	947	100 p.c.	694	100 p.c.	712	100 p.c.	682	100 p.c.	157	100 p.c.	98	100 p.c.	29	100 p.c.	30	100 p.c.	10	100 p.c.	3359	100 p.c.	





